

GAF-CERTAINTEED WASTE PILE

Seeding Specification

Site:	Certainiteed
ID#	Mod980631162
Break:	1.6
Other:	8-1-79
Reitz & Jens, Inc.	
August 1979	

This work shall consist of furnishing all materials, tools, equipment and labor and executing all work necessary for preparing, fertilizing and sowing of seeds as specified in the contract.

a. Materials:

1. Commercial Fertilizer shall meet the following requirements:

(a) shall be a complete fertilizer containing in available form, by weight, a min. of 12% nitrogen, 12% phosphoric acid and 12% potash.

(b) The fertilizer shall be delivered to the site in the original unopened containers which shall bear the manufacturer's guaranteed statement of analysis. Fertilizers shall be stored in a weatherproof place in such a manner that it will be kept dry and its effectiveness not impaired.

2. Grass Seed shall be fresh, clean, new crop seed. The contractor shall furnish the dealer's guaranteed statement of the composition of the mixture and percentage of purity and germination of each variety.

(b) Grass seed shall be composed of the following varieties which shall be mixed in proportions and shall test the min. percentage of purity and germination specified.

<u>Name</u>	<u>Proportion By Weight</u>	<u>Purity</u>	<u>Germination</u>
Kentucky 31 Tall Fescue	65%	98%	85%
" Bluegrass	25%	85%	80%
Alsike Clover *	10%	98%	55% (exclud. hard seed)

*Substitute Crown Vetch for Alsike Clover on all 3:1 slopes.

4. Straw: Shall be threshed straw of hay, oats, barley or rye, not chopped in short lengths.

5. Asphalt Tak-Coat: To be emulsified asphalt, Grade DM-1 as manufactured by Chevron Asphalt Co. or approved equal.

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6. Hydro-Mulch: Material shall be a wood-celulose fiber such as Conwed hydro-mulch as manufactured by Conwed Corp., 332 Minnesota, St. Paul, MN 55101 or approved equal. This may be used as an alternate system in lieu of straw and asphalt Tak-Coat.

Preparation for Seeding:

- a. Prepare any eroded areas and make minor grading adjustments necessary for good drainage.
- b. Spread fertilizer over all areas to be seeded at a rate of 400 lbs. per acre with an approved spreader.
- c. Disk and harrow non-slope areas thoroughly to mix the fertilizer into the soil to a depth of 3 inches.

Seeding: Sow grass by mechanical spreaders of approved type, doing the work in two directions at right angles to each other. If blowers or hydro-seeding equipment is used, work shall be carefully regulated to obtain even coverage of seed, fertilizer and straw, Tak-Coat or Hydro-Mulch wood fibers.

- a. Seeding shall be applied at a min. of 80 lbs. per acre (2 lbs. \pm per 1,000 sq.ft.).

Mulching:

a. Straw & Tak-Coat Method:

- (1) Spread straw over the seeded areas at a rate of 2 tons (dry weight). It shall be spread evenly, with care, so as to leave seeded surface with a min. amount of damage. Blowing straw from machines shall be permitted.
- (2) Spread asphalt binder over strawed areas as soon as straw is placed. Thoroughly mix 1 gal. of asphalt emulsion with 0.75 gal. water and apply evenly at a rate of 0.2 gal. per sq.yd. immediately after straw is spread. Any straw blown into piles shall be re-spread prior to tacking or, if same should occur after tacking, the straw shall be re-spread and re-tacked.

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b. Hydro-Mulch Method:

- (1) Wood cellulose fiber mulch shall be applied at the rate of 1500 lbs. per acre with an hydraulic mulching machine as a part of seeding and fertilizing process.

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